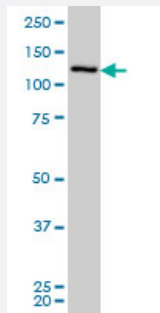


CHERP monoclonal antibody (M01), clone 2H5

Catalog # H00010523-M01

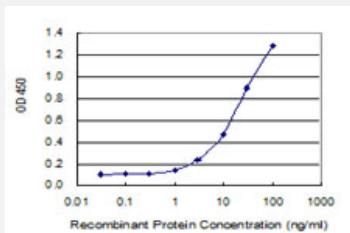
Size 50 ug

Applications



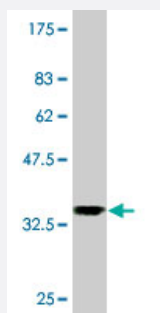
Western Blot (Cell lysate)

CHERP monoclonal antibody (M01), clone 2H5 Western Blot analysis of CHERP expression in IMR-32 (Cat # L008V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CHERP is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.53 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant CHERP.

Immunogen	CHERP (AAH21294.1, 795 a.a. ~ 883 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GSNSAPPIDSRSLGEENKGHQLVKMGWSGSGGLGAKEQGIQDPIKGGDVDRDKWDQYKGVGV ALDDPYENYRRNKSYSFARMKARDEC
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.53 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

CHERP monoclonal antibody (M01), clone 2H5 Western Blot analysis of CHERP expression in IMR-32 (Cat # L008V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CHERP is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CHERP

Entrez GeneID [10523](#)

GeneBank Accession#	NM_006387
Protein Accession#	AAH21294.1
Gene Name	CHERP
Gene Alias	DAN16, SCAF6, SRA1
Gene Description	calcium homeostasis endoplasmic reticulum protein
Gene Ontology	Hyperlink
Other Designations	ERPROT213-21 SR-related CTD associated factor 6 protein with polyglutamine repeat

Publication Reference

- [Nuclear ALG-2 protein interacts with Ca²⁺ homeostasis endoplasmic reticulum protein \(CHERP\) Ca²⁺-dependently and participates in regulation of alternative splicing of inositol trisphosphate receptortype 1 \(IP3R1\) pre-mRNA](#)

Sasaki-Osugi K, Imoto C, Takahara T, Shibata H, Maki M.

The Journal of Biological Chemistry 2013 Nov; 288(46):33361.

Application: IF, IP-WB, WB-Ce, Human, HEK 293T, HeLa cells